

ABSTRACT

A loop thermosyphon (100A) includes a closed circuit configured of an evaporator (110), a condenser (130A), a feed pipe (120) and a return pipe (140), and the evaporator (130A) is an assembly including a header pipe (131) associated with the feed pipe, a header pipe (132) associated with the return pipe, and a plurality of aligned pipes. Each of the aligned pipes is a portion condensing a working fluid evaporated and is a serpentine tube defined by a linear portion forming a plurality of stages in vertically parallel layers, and a curved portion connecting such linear portions together. The condenser (130A) in the form of an assembly is entirely inclined relative to a bottom surface (301) of a casing (300) mounting the loop thermosyphon (100A) such that the serpentine tube's linear portions have a bottommost linear portion inclined in a direction allowing the bottommost linear portion to be closer to the bottom surface (301) of the casing (300) as the bottommost linear portion approaches the header pipe (131) associated with the return pipe. The loop thermosyphon's defective operation attributed to disposition can be reduced.